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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
TERRELL, Ross C.

Serial No. 07/010,106

Filed: February 2, 1987

For: ANESTHETIC COMPOSITION AND
METHOD OF USING THE SAME

Group Art Unit: 125

Examiner: J. Goldberg

Atty. Dkt.: PP4351

Date: October 2, 1987

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231REQUEST FOR CONSIDERATION OF PRIOR ART

Sir:

This communication is submitted pursuant to the Patent Office Notice of August 12, 1974 entitled "Citation of Prior Art by Applicants" (926 O.G. 2). Full text copies of the following references are attached herewith:

U.S. Patent No. 4,113,883 to Bagnall discloses $\text{CHF}_2\text{-O-CHF-CHF}_2$ as an anesthetic. This compound differs from the compound used in the present invention by the absence of an F atom at the 2-ethyl position.

U.S. Patent No. 3,609,196 to Terrell discloses $\text{CHF}_2\text{CF}_2\text{OCCl}_3$. This compound differs from the compound used in the present invention by replacement of three F1 atoms by three Cl atoms.

U.S. Patent No. 3,980,714 to Siegemund et al, discloses $\text{CF}_3\text{CHCl-OR}$ where R may be a haloalkyl. This compound differs from the compound used in the present invention at least by the substitution of the 1-F ethyl atom by a Cl atom.

U.S. Patent No. 4,559,154 to Powell discloses compounds of formula ROCF_2H where R represents a C_{2-4} alkyl group, for example 1-difluoromethoxy-2,2,2-trifluoroethane. This latter compound differs from the compound used in the

present invention by the absence of an F1 atom at the 1-ethyl position.

J. Med. Chem., 14(6), pp.517-19 (June 1971) and J. Med. Chem. 15(6), pp.604-6 (June 1972) authored by R. Terrell et al. disclose, among others, the anesthetic $\text{CHF}_2\text{OCF}_2\text{CHF}_2$. This latter compound differs from the compound presently used by the presence of an extra F atom in the 1-ethyl position at the absence of an F atom at the 2-ethyl position. This compound is a position isomer of the presently used compound.

J. Org. Chem., 48(2), pp 242-50 (1983) authored by Johri et al. discloses the following compounds:

$\text{CF}_3\text{OCHFCHF}_2$ - This compound has an extra F on the methyl group and is missing an F at the 2-ethyl position. This compound is not disclosed as an anesthetic.

$\text{CF}_3\text{OCF}_2\text{CH}_2\text{F}$ - This compound has an extra F on the methyl group as well as at the 1-ethyl position and is missing two fluorines at the 2-ethyl position. This compound is not disclosed as anesthetic.

$\text{CF}_3\text{CH}_2\text{OCF}_3$ - This compound has an extra F on the methyl group and is missing an F at the 1-ethyl position. This compound is not disclosed as an anesthetic. This compound is also disclosed in a refrigerant composition in U.S. Patents 3,409,555, 3,394,878 and 3,362,180.

J. Org. Chem., 29(14), pp 11-15 (1964) authored by Aldrich et al. disclosed $\text{CF}_3\text{CF}_2\text{OCH}_2\text{F}$. This compound has an extra F at the 1-ethyl position and is missing an F on the methyl group. This compound is not disclosed to be an anesthetic, rather a toxic convulsant.

No representation is made or intended as to the nature or comprehensiveness of the Applicant's search or that no better art than that listed is available.

It is respectfully requested that the prior art listed above be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

Respectfully submitted,

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